

# SOUTH PRODUCTION NOTES

February 13, 2014  
Day Shift

BASF EMPLOYEES  
82 Last Recordable  
227 Last Lost Time

CRT's: When we run #5 we will need to fill out the #5 bag house check sheet.  
Bldg 31 is now regulated due to the running of the Si-1624 material

**#1 MED Si-1624:** **DOWN.** Work continues on the South end seal and sleeve. See picture.



Day shift: Work continues on #1 mixer.  
Afternoon Shift: Still Down.  
Midnight shift: No change, still working on mixer

**#1 RC / Si-1624:** All bags fed. Waiting for work on #1 mixer to finish before restarted.

Day shift: Waiting for work to finish on #1 mixer.  
Afternoon Shift: Still Down.  
Midnight shift: No change

Exhaust to F-1

**#2 MED line/ Cu-1230:** Maintenance installed a new chain on #2 dryer on Wednesday.

**Day Shift:** No activity.

**Afternoon Shift:** Chain is back on Dryer.

**Midnight shift:** No activity...dryer looks pretty clean from cleaning efforts the past few days.

**#2 RC/ Cu-1230:** Calciner down. The replacement gear box is ordered with a month lead time. Original prognosis was a gear box leak possibly due to overfilling. Calciner is off and has been reversed, however, we will not finalize clean up until advised by engineer – Bodmann.

**Day shift:** No activity.

**Afternoon Shift:** No change

**Midnight Shift:** No change.

**Exhausting to CTO**

**#3 MED line / D-1799:** Running D-1799 through the dryer. Maintenance is working on mixer. Make sure that we empty the drum under dust collector #3 on a regular basis (it was emptied this afternoon).

**Day shift:** Continuing to run.

**Afternoon Shift:** Continued feeding.

**Midnight Shift:** Continue feeding

**#3 RC/ D-1799 NAQ:** Calciner is running.

**Day shift:** Continued to run. Keep rate up.

**Afternoon Shift:**

**Midnight shift:** Continue feeding

**Exhausting to CTO**

**Old Pfaudler – D-1799 NAQ:** Continue .

**Day Shift:** Tank was made. Continue on.

**Afternoon Shift:** Started making batches/Buggies/hopper and Pfaudler are all empty.

**Lots 5 and 6 are not in pass.**

**Midnight shift:** Per the email from Dhurjati Basu last Saturday (lab) and per discussion with Bill Grodecki, Lot 5 ok to use. Batches started, continue on...

**Tank 7 / AMT for D-1799 NAQ:** Monitor tank's temperature.

**Day shift:** New tank made. Adjusting tank late in the shift due to high SPG.

**Afternoon Shift:** No change.

**Midnight shift:** Continue, and monitor tank level

**New Pfaudler / V-2045 next:** Pfaudler has been rinsed.

**Day shift:** At this time no activity but we will need to finish rinsing the Pfaudler.

**Afternoon Shift:** Need to check MOD to see if temp. gauge needs to be installed on lid/lid needs to be installed.

**Midnight shift:** Lid installed, RTV setting. Confirm with engineer on day shift when ready for first batch. Per Art's production schedule, V 2045 impregs were to start this week.

**Tank 6 / Cleaning for V-2045 solution:** Making V 2045 solution

**Day shift:** Waste water unable to take acid water due to being high in Nickel. Toted off and will still need to be rinsed.

**Afternoon Shift:** No activity.

**Midnight Shift:** Started making tank, continue day shift as needed and get sample to lab

**National Dryer / : Cleaning.**

**Day shift:** No activity.

**Afternoon shift:** Continued cleaning.

**Midnight shift:** More cleaning on discharge end performed, still needs additional scraping

**#4 RC / Ni 2458 (2<sup>nd</sup> dip):** Trimer was down due to reported sump tank pump and stage #2 recirc pump not working. Pumps were reset and restarted. Also, someone shut off the caustic supply valve for stage #2 tank...not sure why, but valve re-opened and Trimer running again. Feed restarted at 1:00 am Thursday.

**Day shift:** Continued on. Watch that the feed rate is at 360. /it was low as of Wednesday morning. Elliot looking into ph probe. It will need to be replaced.

**Afternoon Shift:** Yellow stack at 3pm-shut down and went to ERT Training/ Back tank is overflowing. Putting in work order for float-shutting Trimer down after calciner is empty.

**Midnight shift:** Feeding again...see above

**Exhaust to Trimer**

**PK Blender / 1520:** Continue 1520, use 118 bags. We need to get 6 batches out of the PK. May need to add personnel to reach goal. Batches are being placed in warehouse aisles: J1/J4/M5/B2/and aisle between A and B. Use solution directly from 107 tank, then transfer 4 tank to 107 tank when 107 empty enough and then continue making new batches in 4 tank.

**Day shift:** Had to sample the sump in building 9 and get the ok to pump out. Was given the ok from waste water to pump half of what was in the sump.



**Afternoon Shift:** Started making batches/trouble pumping solution.

**Midnight shift:** Batches made, operator reported that during night shift solution pump was running fine.

**HC-11 Tanks – 1520:** Tank 6 was inspected and multiple issues found with glass missing on the tank and on the agitator itself. Keep making solution in T-4, pump to 107 tank and use 107 tank as your tote-off tank for the PK. Then continue making next 1520 solution in 4 tank.

**Day shift:** Still waiting for tank 107 to be emptied. Batch will need to be made in tank 4 after tank 4 solution is pumped to 107.

**Afternoon Shift:**

**Midnight Shift:** 4 tank batch made, 107 tank being used for totes to PK

**#5 RC / OxyVinyl Catoxid:** DOWN. Also, REMEMBER, we have to continue to feed alternating batches of material (1 bag above Batch 7083 and 1 bag below Batch 7083). **A new HOURLY CHECK sheet is available – please use it from now on.**

**Day shift:** D. L. Page to re-assemble duct work over #5a dust collector Thursday morning.

**Afternoon**

**Midnight shift:** No activity

**Exhaust to 5DC when feeding**

**Tower 3 / Cu-1230:** Towers are finally running. Mass spec has been installed and it is working.

**Day shift:** Running. Mass spec sample lines were thawed.

**Afternoon shift:**

**Midnight Shift:** Continue

**Tower 6 / Cu-1986:** Towers are finally running. Mass spec has been installed and it is working.

**Day shift:** Running. Mass spec sample lines were thawed. Should come down late on afternoon shift. Reload and hold. Maintenance is to be done on this tower on Thursday.

**Afternoon shift:** Tower coming down.

**Midnight Shift:** Unloaded, reloaded and hold per day shift instructions above.

**Harrop Kiln - Al-3921 T 3/16”:** Down... saggers have been removed, screener parts at TK#2

**Day shift:** Down

**Afternoon Shift:** Down

**Midnight Shift:** Down.

**North Screener / Cu 1230:** Screener switched to Cu 1230

**Day shift:** Ready for Cu-1230

**Afternoon Shift:** No change.

**Midnight shift:** No change.

**South Screener / Cu 1986:** Done until another tower comes down.

**Day shift:** No activity.

**Afternoon Shift:** No activity.

**Midnight shift:** Totes are ready for screening but set-up was not (drums, alcohol, empty tote still hanging). Will be ready to start screening by day shift.

**#6 - RC / D-0756:** Down

**Day Shift:** Down

**Afternoon shift:**

**Midnight shift:** Down.

**Exhaust to Sly Scrubber**

**Tunnel Kiln #2 / V-2045 is next:** Saggars have been switched to Vanadium saggars.

**Day shift:** Down

**Afternoon Shift:**

**Midnight shift:** No activity...check with Production team on TK 2 status for firing up.

**Tunnel Kiln #4 / Cu-0540 done:** HOLD

**Day shift:** No activity

**Afternoon Shift:** Down.

**Midnight shift:** Down.

**#2662 Pill Machine / Al-3917 3/16:** Finished. Holding for decision to switch to 3915.

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**Priorities 1 through 6 are basically all the same priority, should be considered urgent and will require call outs for maint issues.**

**1) Cu-1230 E 1/16 3F RS & Cu-1986 TRL - Reduction Towers**

**2) D-1799 NAQ - East Pfaudler/#3 P&S/#3 RC**

**3) 1520 Impregs - PK/HC-11 Tank Make Up**

**4) Catoxid - #5 RC**

- 5) Ni-2458 E - West Pfaudler/National Dryer/#4RC**
- 6) Si-1624 E - #1 MED/#1 RC**
- 7) Clean #2 P&S Dryer**
- 8) Clean #2 MED Line**